

CLAIMS

1. A compound comprising a water soluble antiviral peptide including one of the sequences GPG and RQGY and, bonded to the C-end of the peptide, a terminator which is either (a) an ω -amino-fatty acid having from 4 to 10 carbon atoms and from 0 to 2 carbon-carbon double bonds or (b) a peptidic cell membrane penetrating agent.
2. A compound according to claim 1 in which the peptide is a multiple branch peptide construction (MBPC), each branch of which contains the peptide sequence GPG and the core of which is formed from lysine residues, and the terminator is bonded to the root lysine residue.
3. A compound according to claim 2 in which each branch of the MBPC is a peptide GPGRAF.
4. A compound according to claim 1 in which the peptide is a multiple branch peptide construction (MBPC), each branch of which contains the peptide sequence RQGY and the core of which is formed from lysine residues, and the terminator is bonded to the root lysine residue.
5. A compound according to claim 4 in which each branch of the MBPC is a peptide RQGYSP.
6. A compound according to claim 4 in which each branch of the MBPC is a peptide RQGY.
7. A compound according to claim 3, claim 5 or claim 6 in which the MBPC has two branches.
8. A compound according to claim 3, claim 5 or claim 6 in which the MBPC has eight branches.

9. A compound according to claim 1 in which the peptide is GPG, GPGR, GPGRA or GPGRAF.
10. A compound according to claim 1 in which the peptide is RQGYS or RQGYSP.
11. A compound according to any preceding claim in which the terminator is an ω -amino saturated fatty acid having from 4 to 8 carbon atoms.
12. A compound according to any preceding claim in which the terminator is an ω -amino saturated fatty acid having from 4 to 6 carbon atoms.
13. A compound according to any preceding claim in which the terminator is γ -aminobutyric acid, δ -aminovaleric acid or ϵ -aminocaproic acid.
14. A compound according to any of claims 1 to 10 in which the terminator is a TAT-derived peptide, penetratin® or Kpam.